

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER WH-18
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 107578371
INTERNATIONAL APPLICATION NO. PCT/IN2004/000347	INTERNATIONAL FILING DATE November 10, 2004	PRIORITY DATE CLAIMED November 20, 2003
TITLE OF INVENTION NOVEL POLYMORPHS OF RACEMIC, DEXTROROTATORY, AND LEVOROTATORY ENANTIOMERS OF 1-CYCLOPROPYL-6-FLUORO-8-METHOXY-7-(4-AMINO-3,3-DIMETHYLPYPERIDIN-1-YL)-1,4-DIHYDRO-4-OXO-QUINOLINE-3-CARBOXYLIC ACID HYDROCHLORIDE AND MESYLATE SALTS		
APPLICANT(S) FOR DO/EO/US Prasad Keshav DESHPANDE, Satish Baliram BHAVSAR, Yati CHUGH, Ravindra Dattatrya YEOLE, Noel John DE SOUZA, and Mahesh Vithalbhair PATEL		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) Not assigned 10/578371		INTERNATIONAL APPLICATION NO. PCT/IN2004/000347		ATTORNEY'S DOCKET NUMBER WH-18	
20. Other items or information: 1. Credit Card Payment form (one page). 2. International Search Report (6 pages). 3. Written Opinion of the International Searching Authority (7 pages).					
The following fees have been submitted				CALCULATIONS PTO USE ONLY	
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$ 200.00	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ... \$0					
All other situations \$200					
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b))				\$ 500.00	
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100					
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400					
All other situations \$500					
TOTAL OF 21, 22 and 23 =				1000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
99 - 100 =	0.0 /50 =		x \$250	\$ 0.0	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	56 - 20 =	36	x \$ 50	\$ 1800.00	
Independent claims	14 - 3 =	11	x \$200	\$ 2200	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$ 0.0	
TOTAL OF ABOVE CALCULATIONS =				\$ 5000.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$ 5000.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 5000.00	
				Amount to be refunded:	\$
				Amount to be charged	\$

10/578371

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.
- d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Bio Intellectual Property Service (BIO IPS) LLC
8509 Kernon Ct, Lorton, VA 22079. USA
Cell Phone (703-919-4348), Fax: (703-550-0409)
(703) 550-1968 (Voice/Fax)
BiolPS@BiolPs.com (E-mail)

Sam Zaghmout

SIGNATURE

Dr. O. M. (Sam) Zaghmout

NAME

51,286

REGISTRATION NUMBER

PATENT
Client Reference Number: WH-18

CERTIFICATE OF HAND DELIVERY

I hereby certify that this correspondence is being hand filed with the United States Patent and Trademark Office in
Washington, DC. 20231

on May 5, 2006
(Date)

Typed or printed name of person signing this certificate

Dr. O. M. (Sam) Zaghmout

Signature Sam Zaghmout

Attachments: _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Prasad Keshav DESHPANDE,
Satish Baliram BHAVSAR,
Yati CHUGH,
Ravindra Dattatrya YEOLE,
Noel John DE SOUZA,
Mahesh Vithalbhai PATEL

Title: NOVEL POLYMORPHS OF RACEMIC, DEXTROROTATORY, AND
LEVOROTATORY ENANTIOMERS OF 1-CYCLOPROPYL-6-FLUORO-8-
METHOXY-7-(4-AMINO-3,3-DIMETHYLPYPERIDIN-1-YL)-1,4-DIHYDRO-4-OXO-
QUINOLINE-3-CARBOXYLIC ACID HYDROCHLORIDE AND MESYLATE

Filing Date: Not assigned.

Application Serial Number: Not assigned.

Examiner: Not assigned.

Confirmation Number: Not assigned.

Mail Stop: PCT

Date: May 04, 2006

New National Stage Patent application

Honorable Commissioner for Patents
P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Attached herewith for filing is a 99-page patent specification including 56 claims, and an abstract. The specification constitutes the application of DESHPANDE et al. for the captioned invention.

This application claims the benefit of International Patent Application No.
PCT/IB2004/000347, filed November 10, 2004 which claims priority to 1199/MUM/2003, filed

1 of 2. 6:23 PM. 5/4/2006. New National Stage Patent Application.

Applicants: DESHPANDE et al.

Title: NOVEL POLYMORPHS OF RACEMIC, DEXTROROTATORY, AND LEVOROTATORY ENANTIOMERS
OF 1-CYCLOPROPYL-6-FLUORO-8-METHOXY-7-(4-AMINO-3,3-DIMETHYLPYPERIDIN-1-YL)-1,4-
DIHYDRO-4-OXO-QUINOLINE-3-CARBOXYLIC ACID HYDROCHLORIDE AND MESYLATE

Mail Stop: PCT. Our reference number: WH-18.

November 20 2003. This new national stage patent application also claims priority to US patent provisional application No. 60/523,872. The entire disclosure of the prior applications are hereby incorporated by reference.

In addition, the followings are attached:

1. PTO -1390 (2 pages).
2. A copy of the published PCT/IB2004/000347.
3. Declaration and Power of attorney.
4. Information Disclosure Statement and copy of a reference.
5. A credit card payment form.

CONCLUSION

Applicants respectfully request favorable consideration of the present application and a timely examination of the pending claims.

Should any official at the United States Patent and Trademark Office deem that any further action by the Applicant or Applicant's undersigned representative is desirable and/or necessary, the official is invited to telephone the undersigned at the number set forth below.

Respectfully submitted,

By: Sam Zaghmout

O. M. (Sam) Zaghmout Ph.D
(Registration No. 51,286)

Contact Information:

Bio Intellectual Property Service (BIO IPS)
8509 Kernon Ct, Lorton, VA 22079. USA
Cell Phone (703-919-4348), Fax: (703-550-0409)
(703) 550-1968 (Voice/Fax)

AP3 Rec'd PCT/PTO 05 MAY 2008

10/578371

The PTO did not receive the following
listed item(s)

NO POST CARD